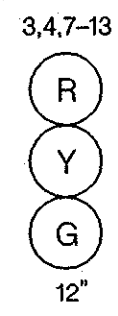
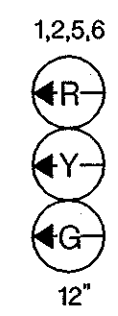


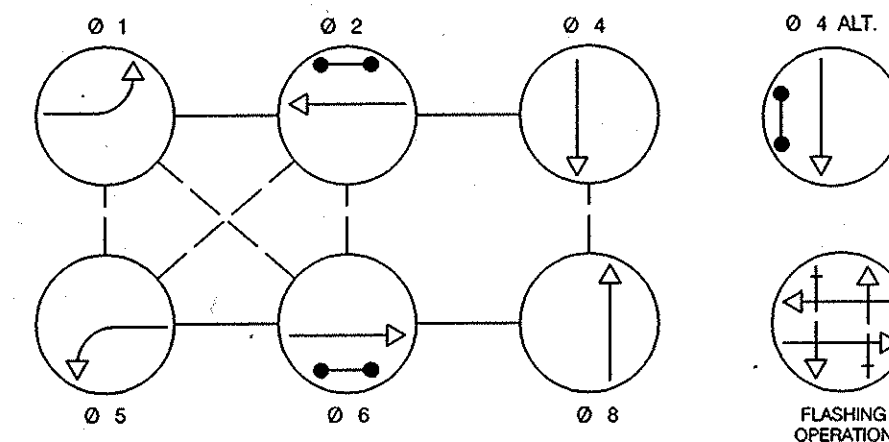
EXISTING SIGNALS



PROPOSED SIGNALS

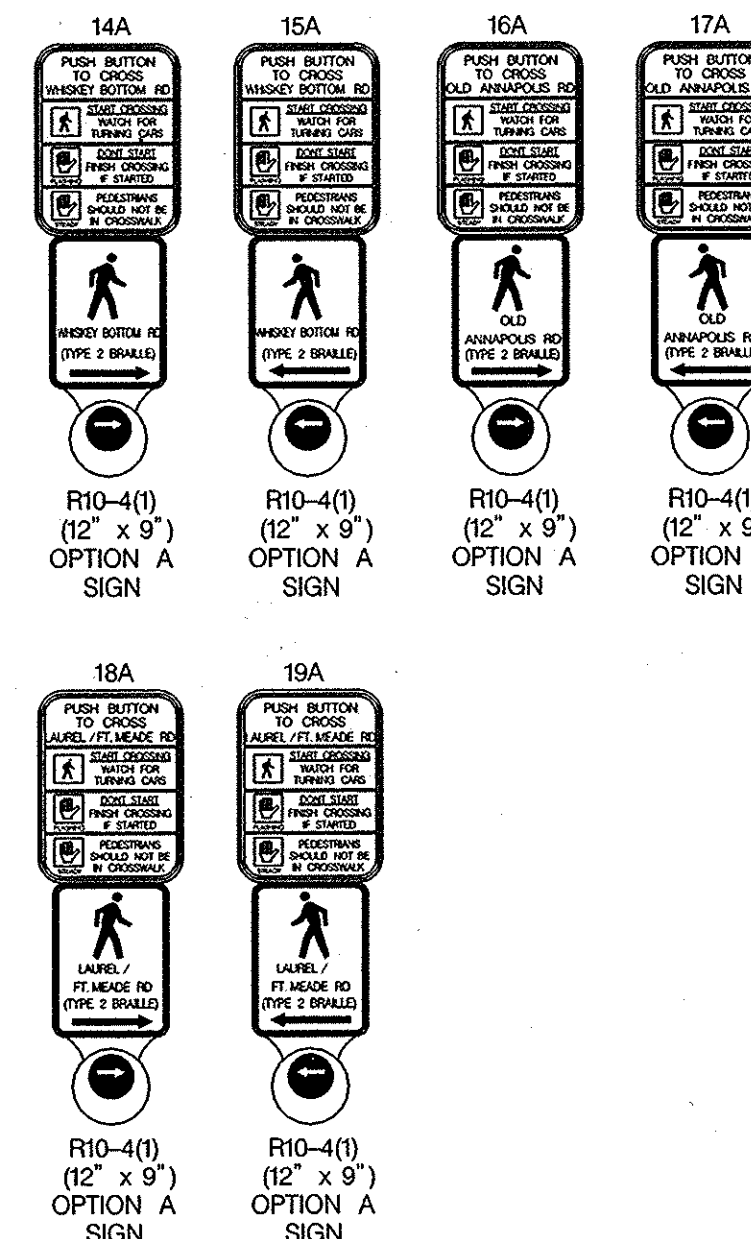


NEMA PHASING



NEMA notes:
Phases associated by a dashed line may will operate concurrently.
Phases associated by a solid line will not operate concurrently.

PROPOSED SIGNALS



CONSTRUCTION DETAILS

- INSTALL PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN ON EXISTING STRAIN POLE.
- INSTALL SHA STANDARD SIDEWALK RAMP
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- REMOVE EXISTING PAVEMENT MARKING.
- USE EXISTING HANDHOLE
- USE EXISTING CONDUIT
- USE EXISTING SPAN WIRE
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- INSTALL RAMPED MEDIAN OPENING WITH DETECTABLE WARNING SURFACE (STD. NO. MD. 655.22)
- INSTALL BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN
(NOTE: INSTALL 1-3 IN. SCHEDULE 80 RIGID PVC CONDUIT BEND)
- INSTALL HANDHOLE
- INSTALL 3 IN. SCHEDULE 80, RIGID PVC CONDUIT (TRENCHED)
- INSTALL 1-3 IN. SCHEDULE 80 RIGID PVC CONDUIT BEND IN EXISTING POLE FOUNDATION)
- REMOVE EXISTING SIDEWALK RAMP AND INSTALL NEW SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE (STD. NO. MD 655.13)
- INSTALL DETECTABLE WARNING SURFACE

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	_____	A
ELECTRICAL	_____	E
TELEPHONE	_____	T
GAS	_____	G
SEWER	_____	S
WATER	_____	W
CABLE TV	_____	TV

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APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION ENGINEER
OFFICE DIRECTOR

REVISIONS

C AS BUILT
1-12-1998
D CHANGE MD 198 E.B. AND W.B. TO EXCLUSIVE PHASING
3-18-2005 SHA NO. BW 935M82
E INSTALL PEDESTRIAN PHASES
SHA NO. AT 7825185
TMZ

TOD No.: AT782-44
SHA No.: AA445A53/B53

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
MD 198 (LAUREL- FORT MEADE ROAD AND
OLD ANNAPOLIS / WHISKEY BOTTOM RCADS
MARYLAND CITY, MARYLAND

SCALE 1" = 20' DATE 3-18-1998 CONTRACT NO. AT 3585185

DESIGNED BY H. KILIAN COUNTY ANNE ARUNDEL
DRAWN BY H. KILIAN LOGMILE 02019801.02
CHECKED BY N / A T.I.M.S. NO. H 412
F.A.P. NO. N / A TOD NO.

DRAWING NO. TS-1893 E SHEET NO. 2 OF 3